

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/28111

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12N 5/00; G01N 33/53

US CL : 435/325, 7.1

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/325, 7.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,E	US 2005/0003529 A1 (TANIGUCHI et al) 6 January 2005 (06.01.2005), abstract, pages 1, 3, 4, 7 and 18-20.	1-52
A	US 6,001,647 (PECK et al) 14 December 1999 (14.12.1999), column 10, lines 23-67, column 11, lines 1-24, column 18, lines 34-67, column 19, lines 1-3, 46-61, 66-67, column 20, lines 1-17.	1-52
A	US 2004/0137535 A1 (UCHIDA et al) 15 July 2004 (15.07.2004), abstract, pages 1-4, 6 and 11-14.	1-52
A	US 2002/0192816 A1 (ROBERTS et al) 19 December 2002 (19.12.2002), abstract, page 8.	1-52
A	US 5, 589, 570 (TAMURA et al) 31 December 1996 (31.12.1996), column 1, lines 40-60.	9, 15, 22, 24, 31, 32, 38



Further documents are listed in the continuation of Box C.



See patent family annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

19 January 2005 (19.01.2005)

Date of mailing of the international search report

18 MAR 2005

Name and mailing address of the ISA/US

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Continuation of Item 4 of the first sheet:  
The title contains 18 words, which is too long.

ENRICHED PANCREATIC STEM CELL AND PROGENITOR CELL POPULATIONS, AND METHODS FOR IDENTIFYING,  
ISOLATING AND ENRICHING THESE POPULATIONS

Continuation of B. FIELDS SEARCHED Item 3:  
EAST, MEDLINE, EMBASE, BIOSIS

Search Terms: pancreatic, gastrointestinal, isolate, recover, harvest, tissue, stem cells, progenitor cells, antibody, CD133, CD49f,  
CD15, CD9, CD34, CD45